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PTO/SB/21 (09-04)Approved for use through 07/31/2006. OMB 0651-0031
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Total Number of Pages in This Submission

6

Application Number	10/564,441
Filing Date	January 12, 2006
First Named Inventor	Persson et al
Art Unit	
Examiner Name	

Attorney Docket Number SSI7USA

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 17-Documents
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Customer No. 00270		
Express Mail No. ED378262183US		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	HOWSON AND HOWSON		
Signature			
Printed name	Cathy A. Kodroff		
Date	April 12, 2006	Reg. No.	33,980

CERTIFICATE OF TRANSMISSION/MAILING

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No.	:	10/564,441	Confirmation No.:
Applicant	:	Persson et al	
Filed	:	January 12, 2006	
TC/A.U.	:		
Examiner	:		
Customer No.	:	00270	
Title	:	DIAGNOSTICS OF DIARRHEAGENIC ESCHERICHIA COLI (DEC) AND SHIGELLA SPP	

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicant submits to the Examiner the attached Form PTO/SB/08A/B document listing and this paper pursuant to 37 CFR § 1.56 and § 1.97-1.98. Form PTO/SB/08A/B is attached and copies of the documents are enclosed herewith. This Information Disclosure Statement is submitted less than three months from the filing date of this application and before the receipt of a first Office Action on the merits. Therefore, no fees are believed due.

The Director is hereby authorized to charge any deficiency in any fees due with the filing of this paper or credit any overpayment in any fees to our Deposit Account Number 08-3040.

Express mail No. ED378262183US

REMARKS

Listed below are previously filed, and co-pending, US Patent applications which have issued or published. This application and the present applications are commonly owned:

- 1) US Patent Application No. 09/310,551 filed May 12, 1999, now Patent No. 6,649,170 issued on November 18, 2003.
US Patent Application No. 10/654,720 filed September 3, 2003, now published patent No. 2005-0191308-A1, September 1, 2005
- 2) US Patent Application No. 11/174,955 filed July 5, 2005, now published patent No. 2006-0008519-A1, January 12, 2006.

The Examiner is respectfully requested to consider the enclosed document identified in this paper and in the attached Form PTO/SB/08A/B during the course of examination of this application.

Respectfully submitted,

HOWSON AND HOWSON
Attorneys for Applicant

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<p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i></p> <p>Substitute for form 1449/PTO</p>				Complete if Known	
				Application Number	10/564,441
				Filing Date	January 12, 2006
				First Named Inventor	Persson et al
				Group Art Unit	
				Examiner Name	
Sheet	1	of	3	Attorney Docket Number	SSI7USA

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2(if known)}			
	A	US-6,649,170 B1	11-18-2003	Lindblad et al	
	B	US-2005-0191308 A1	09-01-2005	Lindblad et al	
	C	US-2006-0008519 A1	01-12-2006	Davidsen et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ -Kind Code ⁵ (if known)				
	D	PCT WO 98/48046 A3	10-29-1998	Bavarian Nordic research Institute GMBH		

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				Group Art Unit	
				Examiner Name	
Sheet	2	of	3	Attorney Docket Number	SSI7USA

NONPATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item, (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	E	ADU-BOBIE ET AL , Detection of Intimins α , β , γ , and δ , Four Intimin Derivatives Expressed by Attaching and Effacing Microbial Pathogens, Journal of clinical Microbiology, pp. 662-668, Vol. 36, No. 3, (March 1998)	
	F	FRIEDRICH ET AL , Escherichia Coli Harboring Shiga Toxin 2 Gene Variants: Frequency and Association with Clinical Symptoms, The Journal of Infectious Diseases, 185:74-84, (January 1, 2002)	
	G	HARTMAN ET AL , Sequence and Molecular Characterization of a Multicopy Invasion Plasmid Antigen Gene, ipaH, of Shigella Flexneri, Journal of Bacteriology, Vol. 172, No. 4, pp. 1905-1915, (April 1990)	
	H	JERSE ET AL , A Genetic Locus of Enteropathogenic Escherichia Coli Necessary for the Production of Attaching and Effacing Lesions on Tissue Culture Cells, Proc. Natl. Acad. Sci. Vol. 87, pp. 7839-7843, (October 1990)	
	I	KARCH AT AL , A Plasmid of Enterohemorrhagic Escherichia Coli O157:H7 is Required for Expression of a New Fimbrial Antigen and For Adhesion to Epithelial Cells, Infection and Immunity, Vol. 55, No. 2, pp. 455-461, (February 1987)	
	J	KONOWALCHUK ET AL , Vero Response to a Cytotoxin of Escherichia Coli, Infection and Immunity, Vol. 18, No. 3, pp. 775-779, (December 1977)	
	K	KONOWALCHUK ET AL , Comparative Studies of Five Heat-Labile Toxic Products of Escherichia Coli, Infection and Immunity, Vol. 22, No. 3, pp. 644-648, (December 1978)	
	L	KONOWALCHUK ET AL , Properties of an Escherichia Coli Cytotoxin, Infection and Immunity, Vol. 20, No. 2, pp. 575-577, (May 1978)	
	M	LOPEZ-SAUCEDO ET AL , Single Multiplex Polymerase Chain Reaction to Detect Diverse Loci Associated with Diarrheagenic Escherichia Coli, Emerging Infectious Diseases, Vol. 9, No. 1, (January 2003)	
	N	NATARO ET AL , Diarrheagenic Escherichia Coli, Clinical Microbiology Reviews, Vol. 11, No. 1, pp. 142-201, (January 1998)	

Examiner Signature	Date Considered
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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(Use as many sheets as necessary)				Filing Date	January 12, 2006
Sheet	3	of	3	First Named Inventor	Persson et al
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	SSI7USA

NONPATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item, (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	O	PASS ET AL, Multiplex PCRs for Identification of Escherichia Coli Virulence Genes, Journal of Clinical Microbiology, Vol. 38, No. 5, pp. 2001-2004, (May 2000)	
	P	SCHMIDT ET AL, Molecular Analysis of the Plasmid-Encoded Hemolysin of Escherichia Coli O157:H7 Strain EDL 933, Infection and Immunity, Vol. 63, No. 3, pp. 1055-1061, (March 1995)	
	Q	SOMMERFELT ET AL, Cloned Polynucleotide and Synthetic Oligonucleotide Probes Used in Colony Hybridization Are Equally Efficient in the Identification of Enterotoxigenic Escherichia Coli, J. Clin. Microbiol, Vol. 26, No. 11, p. 2276, (March 1990)	
	R	STEPHAN ET AL, Characterization of Shiga Toxin type 2 Variant B-Subunit in Escherichia Coli Strains from Asymptomatic human Carriers by PCR-RFLP, Letter in Applied Microbiology 31, pp. 139-142, (May 2000)	
	S	VENKATESAN ET AL, Use of Shigella Flexneri ipaC and ipaH Gene Sequences for the General Identification of Shigella spp. And Enteroinvasive Escherichia Coli, Journal of clinical Microbiology, Vol. 27, No. 12, pp. 2687-2691, (December 1989)	
	T	YE ET AL, Fluorescent Microsphere-Based Readout Technology for Multiplexed Human Single Nucleotide Polymorphism Analysis and Bacterial Identification, Human Mutation, 17:305-316, (April 2001)	

Examiner Signature	Date Considered	
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